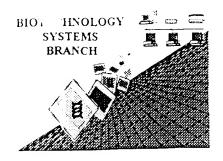
## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/849,526
Source:	OIPE
Date Processed by STIC:	7/24/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE SEE BELOW

## Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST 25

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 17/54/ 420
ATTN: NEW RULES CASES	: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1Wrapped Nucleics Wrapped Aminos	The number text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s)contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2 0 "bug"	A "bug" in Patentin version 2.0 has caused fire <220>-<223> section to be missing from amino acid sequences(s) Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  (2) INFORMATION FOR SEQ ID NO.X: (insert SEQ ID NO where "X" is shown)  (i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)  (xi) SEQUENCE DESCRIPTION SEQ ID NO X: (insert SEQ ID NO where "X" is shown)  This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES " response to include the skipped sequences.
8 Slipped Sequences (NEW RULES)	Sequence(s) missing If Intentional, please insert the following lines for each skipped sequence. <210 > sequence id number <400 > sequence id number 000
9Use of n's or Xaa's (NEW RULES)	Use of n's and or Xaa's have been detected in the Sequence Listing.  Per 1-823 of Sequence Rules, use of < 220 > - 223 > is MANDATORY if n's or Xaa's are present.  In < 220 > to < 223 > section, please explain location of n or Xaa, and which residue n or Xaa represents.
10 Invalid <213 Feeponse	Per 1.823 of Sequence Rules, the only valid > 213 \( \text{responses are: Unknown, Artificial Sequence, or scientific name (Genus species) \( \text{ > 220 \text{ > 223 \cdots extrem is required when \cdot 213 \cdot response is Unknown or is Artificial Sequence} \)
11Use of > 220 ·	Sequence(s) missing the \$220 + "Feature" and a sociated numeric identifiers and responses.  Use of \$220 to \$223 is MANDATORY if \$213 \times "Organism" response is "Artificial Sequence" or "Unknown". Please explain source of genetic material in \$220 \times 223 \times section.  (See "Federal Register," 06 01 1998, Vol. 63, No. 104, pp. 29631-32). (Sec. 1.823 of Sequence Rules).
12 Patentin 2 0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH - Biotechnology Systems Branch 08/21/2001

" my you are any to the today 221, 222 or 223, these today must be presented by the 220 field. The 221 today to make frelat for the introduction of the afternt "features" described in 221, 222 or 223

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

DAIE: 07/24/2001

TIME: 09:10:28

OIPE

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      1 < 110 > APPLICANT: Ruff, Thomas G.
              Shukla, Hridayabhiranjan
      1 × 120 - TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
              Plants
      ' <130 - FILE REFERENCE: 38-21(51930)B
C--> 9 <140 > CURRENT APPLICATION NUMBER: US/09/849,526
C--> 9 <141> CURRENT FILING DATE: 2001-05-07
      9 <150 PRIOR APPLICATION NUMBER: US 60/202,214
     11 <151 PRIOR FILING DATE: 2000-05-08
     13 < 150 - PRIOR APPLICATION NUMBER: US 09/654,617
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     16 <150 - PRIOR APPLICATION NUMBER: US 09/684,016
       1151 - PRIOR FILING DATE: 2000-10-10
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     20 <151 - PRIOF FILING DATE: 2001-03-26
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     24 <210 SEQ ID NO: 1
     25 (211 - LENGIH: 454
     26. \sim 2112 TYPE: DNA
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     29 - 223 - OTHER INFORMATION Clone ID uc-zmroteosinte002d05b1
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     35 eqqq"teqtq qqtqaqeqqa teqaqatqqe qqeqteqqat qttqaqtace qetqetteqt.
                                                                             120
                                                                            180
     37 eqqeqqeete geetqqqeea eqqaeqaeea etceetecae aacgeettea geaectaeqq
     39 equiptionto quitonauga teatentega tegggagaeg caquigiteec geggettegg
                                                                             240
     41 etteuteace tieteeacgg aggaggegat geggaaegee alegagggea igaaeggeaa
                                                                             300
     43 quaditiqqac qqicqicaaba toaceqtoaa eqaqqibboaq toocqibqqqq qooqtigqaqq 360
     4) name menen ny fiangsty ytayooytyy addolddol tallyylog y gogygogol 420
     4° tgatugegge ggeggetaeg geggtggegg egge
                                                                             454
                                Reserved 2x6 com market
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     61 caeqiqeqqt tqeteateae aetqaetqea cettmateaq qqtqtetqqt tetqaqttqq
     67 htgaqaaqta tahtqqtqaq qqotoooqqa tqqtbaqqqa actobblqbb atqqooaqqq
     65 aacatgeacs atceattata tittatqqatq aaattqacte tateqqatet qetagaatqq
                                                                             240
       uqtotqqaae tqqcaacqqt gacaqtgaaq ttdaqcqtae tatqettqaa cttotaaacc
                                                                             300
     60 agetegatog ttitgaagea teaaacaaaa ttaaggttit gatggcaacg aacagaatag
                                                                             360
     7: adatittqqa tdaaqeeett etgagqeetq qeeqcataga caqqaagatt qaatttecaa.
                                                                             420
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     78 <212> TYPE: DNA
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US/09/849,526

RAW SEQUENCE LISTING

PATENT APPLICATION:

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING

DATE: 07/24/2001 PATENT APPLICATION: US/09/849,526 TIME: 09:10 28

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Output Set: N:\CRF3\07242001\1849526.raw

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89 qaqactqcac caaaqciitt chaiyacqaq qaqraqaaqq qacttsaaca acaccaaqaq	18:)
91 coggatiqaqo aggoatogoa abotgaaqag cagaagtoto agbaggaatg coatgagaag	240
9) coggregate aggranoged absorption of cagalycets ageoggiate, contiguous - 9) qeacoggage aattochaas ettigaaqaa etaqqeqeqe caccaeqtet tqetqacaac	300
95 gtgcccggt totocottca ggagottata caacagaago agottccgac cggcgaggcg	360
-9° atypologyi icipologoa qaaagaaaga cagoogtaga qaqaqtqtoo togotgatca caatqtttoa	420
-9- acqueequea gaaagcaagg cagoograga qaqagcgoco cog chacca caacgcccca -99 qqaqqaaq caqoaqqa qqqbacqaca ctqqccatqq t	461
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115 queaqttgqt qeqtaaatea tacaaaaaaaa aactaaaaaa ceetgttett attitigetac	180
117 facateragt eggetargea aaaaacteec ateaaacete ttattaaaca attteacaca	240
119 cartatggag acctycaggo tgotocagtg gooagtotoc actoccaaaa actgtaagaa	3(11)
121 sanaqtaaag gacgcatete tatagegeag cacegagtte cagcateaaa gtatggtteg	34(1)
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125 gaggacacte atdacqeate gatgeatatt tittgaaagg tgeageaate agttega	4 .
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129 CHIP LENGTH: 301	
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13: P113 ORGANISM: Dea mays subsp. mexicana	
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135 4000 SEQUENCE: 5	
137 gatetagety atcaaacett tigeattigg titttagatg glaaggaagt agattgitgg	60
139 waaqqqcaga gatcqqcaac ascatctqat tttqctqtaq caaaagatqq aaatcttata	120
141 at adottga gtaggianas tipaaattutt utatutgata gggagadaaa adatgagaga	180
143 ar mattgaag agggtagtac aattacttca tittetetat taeaagaigg tgattieett	240
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159 titotgoodd godgiogddy dgaedgaett cyceggdaad tgagtotadt gagtoggdod	(; ()
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163 chaqeaggte geogaecaqg actaequeta aqtaqtgete egiteqtetg gattqagete	180
165 afecaaegea geogegeqtt fegateggeg tegteattig ettigetett cattleatea	240
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RAW SEQUENCE LISTING DATE: 07/24/2001 PATENT APPLICATION: US/09/849,526 TIME: 09:10:28

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181 (400 ) SEQUENCE: T	6.0								
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185 асавчаводо суссаводую ttotocycya ayotcaccoc coaycagyte aagyatotca	120								
187 aggageaace aggigitete caggitiqige egagecaqae tiaccageta calagicetg	180								
189 gqtorgqoac toaccagggo acgacacaca cottgggoot fafgtgaagg ogtatgagaa	24()								
191 teauqaagat tytytttagt atgyctytät gycacagyte tyacgaatyt ytatagtaca	300								
193 ghachaigta aguataaggg acghaicgto balatacigo bhligcgeaig bloagcoolg	360								
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200 KU10 · SEQ ID NO: 8									
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213 qqqaqqatha beqqcanget tqtetecaat etteattgat ataattgact coatteggst	180								
215 togethete it tentitleagy etgaagaeaa gaagtgacee ageaatitee attiticitee	240								
217 thaqqatqqc aatqqcrana toattatett accetebace acctecettt taccqactqt	3 (1 ()								
219 acadaaatti tgaqcaqqat cetticatet geaccaqaac etecaccacc aatigatgga	360								
221 ccattcaaag ctitqqqtqc tgattacaca ggaqatqttq tqattccaag cttgqagagc	420								
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229 k211 + LENGTH: 354									
230 S2125 TYPE DNA									
731 - 113 - ORGANISM - 783 maya subsp. mekicana									
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23° chitalecti equequatee gadaegataa eqteategea ciccaegaet cegicaagga	60								
239 tratqqqaqt atatatetca tactqqaqta ttqtcqaqqt qqtqacttar atgcatacct	126								
241 traacqtcat aaaagagttt ctgaaaaggt tqctaaqcac ftcatccqtc agttagcatc	180								
243 tygtittgada atgettiegeg ataataaegt ggtteaeega gacctaaaae eteagaacat	24 C								
245 hottottatt gaaaataata aaaatactot attgaagatt googactita gattigcaaa	300								
247 artiitgraa cociffgee tageegaaac actiffggt teaccactif acat	354								
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257 - 400> SEQUENCE: 10									
- 259 egetgateae ceaetegtgg ggegagaege geaegeegga gteggagate gtggacaaeg	ĒÙ								
25 - eyesyani an ghacheynyy yyoyayaeye yeasyeeyya yesyyaare yeddacaacy	0.0								

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DATE: 07/24/2001

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267 rancedayagt caragagaas cagecoaces qagneqeaga atta	
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271 qtaaaracay catagaacga qqaytoqaac otgaciqaac otqq	
273 agtiqtiqtiqqi tqtitteqtae atqqqaaceq qqobttacat qqqa	2211
275 titiggogotg gothattott tagtitleact Leetgejeag acg	523
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2.80 (212 · TYPE DNA	
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289 tycgacaact gggcgaccgc cyccgccgct ctactccagg tycc	
291 ectivicays cettestese steetiesee sgoyacyate aces	
293 caattaatto ottgatgtac aaaggatota ttootgatge aatta	
295 aqaaqaagot ottigiagio tacataloag qigaagaiga gqott	
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301 tacquaqtat atcaq.datt qqactgaatg qagttctgct gtgq	
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305 gada	5.4.1
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RAW SEQUENCE LISTING

DATE 07/24/2001 TIME 09:10:28

PATENT APPLICATION: US/09/849,526

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		egeggacaat abaqqegeea agaaceteta cateatetee qteaaqqqea teaaqqqtaq	$\frac{180}{240}$								
		gotomacego objecutocy cotycetogy ogacatygic atggocaccy tomagaaqyy	3(1)								
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W >		ttggcctang attgctagtg cagcaaatgc tattgtctga taccaccggt tgggaggctt	480								
" /	3 ) 3	ceggeetang acceptaged engendates tartegeetga tacoacogge egggaggeet									
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	399 402 403 404 405 407 409 411 1.2 415 427 421 423 425	Attacttq (210 - SEQ ID NO: 15 (211) LENGTH: 50? (212) TYPE: DNA (213) ORGANISM: Hea mays subsp. mexicana (223) OTHEE INFORMATION: Clone ID: uC-zmroteosinte008g09b1 (400) SEQUENCE: 15 (cototototoca totocotqot cotocogocto ottoticato najnilajos ayyyalogoc atgingga t oggangaga coacttoqua toguaggoog acgooggago gtocaagaco tacqoogoaqo aggotqoca ogtocqtaaq aacgottoa toquadqqtiq tggaqqtto tacchoaaqq acgottoa atginaga atgicato caaatgocac titqitqoca taqacatatt caacqggaaa aagottqaaq atatigttoo ttoatcacac aactutqata tocqoatgt gaaccqtact gagtaccago tgattqatat atcaqaqqat qatttqtaa qoottottac ttoaqatqqc aacactaaqq atqatettaq actoccaact qatqaqacto ttqtqqocca qatcaaqqaa qqqtttqaaa goqqcaaqqa tottqttq	548 60 120 180 240 360 420 480								
	399 402 403 404 405 407 409 411 1.2 415 427 425 425 427	attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50) (212 - TYPE - DNA) (213 - ORGANISM: Lea mays subsp. mexicana) (223 - OTHEE INFORMATION: Clone ID: uC-zmroteosinte008g09b1 (400): SEQUENCE: 15 concentence tenecotget correspond tegaaggeeg acgoeggage grocaagace tacgoegaage aggeeggaage acgoeggage grocaagace tacgoegaage aggeeggaag acgoeggage grocaagace tacgoegaage tagaaggatte taccicaaag actggtaage atggccatge caaatgccac tiniqitiqoca tagacatatt caacgggaaa aagettgaag atatigtice ticatcacac aacturqata ticcgcatgt gaaccatact gagtaccage tgattgatat atcaqaaggat gattitutuda qoottottac ticaqatqqc aacactaagg atgatettag actoccaact gatgagacte tiqtqqccca gatcaaggaa qggtttgaaa goqgcaagga tettqttqtgactgiccaat ciqctatggq qqagqag	548 60 120 180 240 360 420								
	344 402 403 404 405 407 409 411 1.2 415 427 421 423 427 430	Attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50? (212 - TYPE DNA (213 - ORGANISM: Lea mays subsp. mexicana (213 - OTHEE INFORMATION: Clone ID: nC-zmroteosinte008g09b1 (400) SEQUENCE: 15 conoteteca tetecotqet cotecoccic citetidate najnilages asymptogec (tatogram) oggaqqagea coacttogaa tegaaggeeg acgceqgage gtocaagace taccoqcaqe aqqetqqeac ogtocqtaaq aacqgettea teqteateaa gaaccqcece taccaqcaqe aqqetqte taccicaaaq actggtaage atggccatge caaatgccac titqttqcca tagacatatt caacqggaaa aagettgaag atatigttee ticatcacac aactutgata ticcqcatgt gaaccqtact gagtaccage tgattgatat atcaqaqqat qattigtqa qccttcttac ticaqatqqc aacactaaqq atqatcttaq actcccaact qatgagacte tiqtqqccca qatcaaggaa qggtttgaaa geqgeaaqqa tcttqttqt actgccaqt ctqctatqqq qqaqqag 210 SEQ ID NO 16	548 60 120 180 240 360 420 480								
	344 402 403 404 405 407 409 411 1.2 415 427 421 423 427 430 431	attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50) (212 - TYPE: DNA (213 - ORGANISM: Dea mays subsp. mexicana (223 - OTHEE INFORMATION: Cione ID: nC-zmroteosinte008g09b1 (400) SEQUENCE: 15 (concleteda tolocotqot cotecacete ettetidate najnolagos aggadadee (1541039a) togqaqqada coaenteqaa togaaggeeg acgeoqgage gtocaagace (1541039a) togqaqqtte taccheaaag acaggettea toqtoataa gaacegeece (1541039a) togqaqqtte taccheaaag acaggettea toqtoataa gaacegeece (1541039a) toqqaqqtte taccheaaag acaggettea toqtoataa gaacegeece (1541039a) toqqaqqtte taccheaaag acaggettea toqtoataa gaacegeece (1541049a) toqqaqqtte taccheaaag acaggtaage atggeeatge caaatgeeae (1541049a) toqqaatgt gaacegtact gagtaccage tgattqatat atcaqaaggat (1541049a) qocttottac tteaqatgge aacactaagg atgatettaq acteceaact (1541049a) qocttottac tteaqatgge aacactaagg atgatettaq acteceaact (1541049a) SEQ ID NO 16 (21104105559	548 60 120 180 240 360 420 480								
	344 402 403 404 405 407 409 411 1.2 415 427 421 423 427 430 431 432	attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50) (212 - TYPE: DNA (213 - ORGANISM: Lea mays subsp. mexicana (223 - OTHEE INFORMATION: Clone ID: nC-zmroteosinte008g09b1 (400: SEQUENCE: 15 (concleteora telecotqot cotecocoto oftotidato najnolagio aqqqaloqoo tagooqaqa aqqotqqaa oqacottoqaa toqaaqqoo acqooqaqo qtocaaqaco taccoqoaqo aqqotqqaa oqtooqaaqa aacqqottoa toqtotatoa taqooqaac taqooqaaqa aqqotto taccomaaqa actqqaaqa attqttoo tacacaca titqttqooqa taqacatatt caacqqqaaa aaqqottqaaq attqttoo ttoatcacac aactqqata tocoqoatqt qaaccqtact qaqtacaqo tqattqata tacaqaqqat qaattqtaa qoottottaa ttoaqatqqo aacactaaqq atqatottaq actoocaact qatqaqact ttqtqqooca qatcaaqqaa qqqttqaaa qoottottaq toqooca qatcaaqqaa qqqtttqaaa qoottottat ttqtqqooca qatcaaqqaa qqqtttqaaa qooqooaqqa tottqttqqooca qatcaaqqaa qqqtttqaaa qooqooqqaaqqa tottqttqtq actqtcaaqq qqaqqaq 210 - SEQ ID NO 16 (211 - LENGTH: 559 (212 - TYPE: DNA)	548 60 120 180 240 360 420 480								
	344 402 403 404 405 407 409 411 1.2 415 427 421 423 421 423 431 432 433	attacttq (210 - SEQ ID NO: 15 (211 - MENGTH: 50) (212 - TYPE: DNA (213 - ORGANISM: Mea mays subsp. mexicana (223 - OTHEE INFORMATION: Cione ID: uC-zmroteosinte008g09b1 (400) SEQUENCE: 15 (cototeteca totocotgot cotococce oftotidate cajneraged aggoedage glocaagace taccoquage aggotgoac egicogtaag aacggetea toqtateaa gaaccgeece taccaquage aggotgoac egicogtaag aacggetea toqtateaa gaaccgeece tacaaqqtiq tqqaqqtto taccmcaaag actggtaage atggccatge caaatgccac titqtiqeea taqacatatt caacqqqaaa aacggttaa tattgttoc titcatcacac aactgtqata ticcqcatgt gaaccgtact gagtaccage tgattgatat atcaqaqqat qaatttqtaa ticqqcatgt gaaccgtact gagtaccage tgattgatat atcaqaqqat qaatttqtaa geettettac ticaqatqqc aacactaaqq atgatcttaq actcccaact qatgaqact tiqqtqccca qatcaaqqaa qggtttgaaa geqqcaaqqa tottqttqtq actgcccaact ctqctatqqq qqaqqaq (210- SEQ ID NO 16 (211- LENGTH: 559 (212- TYPE: DNA) (213- ORGANISM Mea mays subsp. mexicana	548 60 120 180 240 360 420 480								
	344 402 403 404 405 407 409 411 4.7 415 427 421 423 421 423 431 432 433 435	attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50) (212 - TYPE: DNA (213 - ORGANISM: Lea mays subsp. mexicana (223 - OTHEE INFORMATION: Clone ID: nC-zmroteosinte008g09b1 (400: SEQUENCE: 15 (concleteora telecotqot cotecocoto oftotidato najnolagio aqqqaloqoo tagooqaqa aqqotqqaa oqacottoqaa toqaaqqoo acqooqaqo qtocaaqaco taccoqoaqo aqqotqqaa oqtooqaaqa aacqqottoa toqtotatoa taqooqaac taqooqaaqa aqqotto taccomaaqa actqqaaqa attqttoo tacacaca titqttqooqa taqacatatt caacqqqaaa aaqqottqaaq attqttoo ttoatcacac aactqqata tocoqoatqt qaaccqtact qaqtacaqo tqattqata tacaqaqqat qaattqtaa qoottottaa ttoaqatqqo aacactaaqq atqatottaq actoocaact qatqaqact ttqtqqooca qatcaaqqaa qqqttqaaa qoottottaq toqooca qatcaaqqaa qqqtttqaaa qoottottat ttqtqqooca qatcaaqqaa qqqtttqaaa qooqooaqqa tottqttqqooca qatcaaqqaa qqqtttqaaa qooqooqqaaqqa tottqttqtq actqtcaaqq qqaqqaq 210 - SEQ ID NO 16 (211 - LENGTH: 559 (212 - TYPE: DNA)	548 60 120 180 240 360 420 480								
	344 402 403 404 405 407 409 411 4.27 415 427 421 423 421 423 423 431 432 433 435 436	attacttq (210 - SEQ ID NO: 15 (211 - LENGTH: 50? (212 - TYPE: DNA (213 - ORGANISM: Dea mays subsp. mexicana (223 - OTHEE INFORMATION: Cione ID: nC-zmroteosinte008g09b1 (400) SEQUENCE: 15 (ct.ct.ct.cca tet.ccctqct cotecocctc citetidate nagnolagos aggedgace daggedgace daggedgace daggedgace aggedgace daggedgace aggedgace aggedgace aggedgace aggedgace aggedgace daggedgace aggedgace agged	548 60 120 180 240 360 420 480								

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/849,526

DATE: 07/24/2001 TIME: 09:10:29

Input Set : D:\Pa\_00348.rpt

Output. Set: N:\CRF3\07242001\I849526.raw

L:9 M:270 C: Current Appl.cation Number differs, Replaced Current Application No L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date L+495 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 L 457 M.341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L.1001 M·341 W. (46) "n" or "Xaa" used, for SEQ ID#.48 L 11'5 M:341 W (46) "n" or "Xaa" used, for SEQ ID# 44 L 1349 M.341 W. (46) "n" or "Xaa" used, for SEQ ID#: [1] L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ H0#:51 (46) "n" or "Xaa" used, for SEQ II)#:61 L:1353 M:341 W: L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 I. 1833 M.341 W. (46) "n" or "Xaa" used, for SEQ ID#:58 I. 2033 M.341 W. (46) "n" or "Xaa" used, for SEQ ID#:81 L 2151 M.341 W: (46) "n" or "Xaa" used, for SEQ ID#-84 I. 2229 M:341 W: (46) "n" or "Yaa" used, for SEQ ID#.67 L.2257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#.88 L:2287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 L:2349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 L.2531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 L-2965 M.341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 I. 3065 M:341 W: (46) "n" or "Xax" used, for SEQ ID#:120 I. 3067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 L:3289 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 L:3409 M:341 W. (46) "n" or "Xaa" used, for SEQ ID#:154 L:3543 M:341 W. (4b) "n" or "Xaa" used, for SEQ II#:159 L:3679 M 341 W: (46) "n" or "Xia" used, for SEQ H:#:144 (46) "n" or "Xaa" used, for SEQ II# 150 L:3823 M:341 W I. 4119 M. 341 W: (46) "n" or "Xaa" used, for SEQ II# 162 L 4201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 L 4395 M.341 W: (46) "n" or "Xaa" used, for SEQ ID#:1"3 I. 4405 M 341 W: (46) "n" or "Xaa" used, for SEQ ID#:173 L.4645 M.341 W. (46) "n" or "Xaa" used, for SEQ ID# 183 L.4969 M.341 W. (46) "n" or "Xaa" used, for SEQ ID# 197 L 5001 M.341 W. (46) "n" or "Xaa" used, for SEQ ID#:148 L.5103 M.341 W (46) "n" or "Xaa" used, for SEQ ID# 202 L 5165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#.204 L.5587 M 341 W: (4b) "n" or "Xaa" used, for SEQ ID# 220 [1.5589 M.341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 L 5939 M·341 W· (46) "n" or "Xaa" used, for SEQ ID#.236 L 6125 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 244 (4b) "n" or "Xaa" used, for SEQ ID# 200 I. 6445 M 341 W (46) "n" or "Xaa" used, for SEQ ID#.260 (46) "n" or "Xaa" used, for SEQ ID#:264 L 6497 M:341 W. L.6601 M 341 W: (46) "n" or "Xaa" used, for SEQ ID# 276L 6859 M 341 W 7259 M:341 W (46) "n" or "Xaa" used, for SEQ ID# 291 L 7335 M 341 W (46) "n" or "Xaa" used, for SEQ ID# 294 (46) "n" or "Xaa" used, for SEQ ID#:296 L:7381 M 341 W L:7411 M 341 W. (46) "n" or "Xaa" used, for SEQ ID#:297 L:7425 M:341 W (46) "n" or "Xaa" used, for SEQ ID# 247

VERIFICATION SUMMARYDATE: 07/24/2001PATENT APPLICATION: US/09/849,526TIME: 09:10 29

Input Set : D:\Pa\_00348.rpt

Output Set: N:\CRF3\07242001\I849526.raw

1.:7441	М	341	W :	(46)	" n "	or	"Xaa"	used,	tor.	SEQ	11)#	298
L: 7455	1-1	341	W:	(46)	" n "	$\circ r$	"Xaa"	used,	for	SEQ	[ [ ] #	298
L:7551	1-1	341	W:	(46)	" $\Pi$ "	$\circ r$	"Xaa"	used,	for	SEQ	11)#	302
L:7619	М:	341	W:	(46)	" 11 "	or	"Xaa"	used,	for	SEQ	ID#	305